

01/18/02  
J1054 U.S. PTO

91-22-0

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE  
ATTORNEY REFERENCE NO. 98079CIPDIV  
(B&W REFERENCE 03259-00020)

J1002 U.S. PTO  
10/051357  
01/18/02

**Applicant:** Bin Chung, *et al* **Paper No.:**

**Application No.:** TBA: a divisional application **Group Art No.:** TBA  
of 09/549,051

**Filed:** Herewith **Examiner:** TBA

**Title:** **METHOD AND APPARATUS FOR PRODUCING AND  
TREATING NOVEL ELASTOMER COMPOSITES**  
\*\*\*\*\*

Assistant Commissioner for Patents  
Box Patent Application  
Washington, DC 20231

**TRANSMITTAL LETTER**

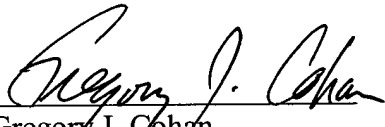
Dear Sir:

In regard to the above-referenced patent application, we are transmitting herewith  
the attached:

1. Divisional Patent Application Request(4 pgs.);
2. Preliminary Amendment (2 pgs.);
3. Declaration and Power of Attorney (6 pgs.);
4. Specification (49 pgs.);
5. Formal drawings (8 sheets);
6. Application Data Sheet (5 pgs.); and
7. Return Postcard.

Respectfully submitted,

Date: January 18, 2002

  
Gregory J. Cohan  
Reg No.: 40,949  
BANNER & WITCOFF, LTD.  
28 State Street, 28th Floor  
Boston, MA 02109-1775  
(617) 227-7111

Express Mail Receipt No. EV 066773306 US

40051357-011802

# UNITED STATES CONTINUING UTILITY PATENT APPLICATION

under 37 C.F.R. § 1.53(b)

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Atty. Reference No. 98079-CIPDIV  
(B&W Reference: 03259-00020)

Assistant Commissioner of Patents  
Box Patent Applications  
Washington, D.C. 20231

Express Mail Label No.: EV 066773306 US

Enclosed herewith is a continuing patent application and the following papers:

First Named Inventor (or application identifier): Bin Chung, *et al*

Title of Invention: **METHOD AND APPARATUS FOR PRODUCING AND TREATING NOVEL ELASTOMER COMPOSITES**

- ☐ Continuation
- ☒ Divisional
- ☐ Continuation-in-Part

of prior application No. 09/549,051, filed 4/13/00

- ☒ Specification 49 pages (including specification, claims, abstract)

- ☒ Declaration/Power of Attorney:

- ☒ Copy from Prior Application (for continuation or divisional application)
- ☐ Newly Executed Declaration (for CIP application)
- ☐ Deferred under 37 C.F.R. § 1.53(f)

- ☐ Deletion of Inventor(s) - Signed statement attached deleting inventor(s) named in the prior application, see 37 C.F.R. §§ 1.63(d)(2) and 1.33(b)

- ☒ Incorporation by Reference - The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein

3. ☒ 8 Distinct sheets of ☒ Formal ☐ Informal Drawings

4. ☒ Preliminary Amendment

5. ☐ Information Disclosure Statement  
☐ Form 1449  
☐ A copy of each cited prior art reference

# UNITED STATES CONTINUING UTILITY PATENT APPLICATION

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(B&W Reference: 03259-00020)

6. ☐ Assignment
- ☐ Assignment with Cover Sheet attached
- ☒ Assignment filed in prior application. Application assigned to: Cabot Corporation.

7. ☒ Priority is hereby claimed under 35 U.S.C. § 119 based upon the following application(s):

Country	Application Number	Date of Filing (day, month, year)
US	60/129,791	16 April 1999

- ☒ Priority is hereby claimed under 35 U.S.C. § 120 based upon the following application(s):

Country	Application Number	Date of Filing (day, month, year)
US	09/549,051	13 April 2000

8. ☐ Priority Document(s)
- ☐ was filed in prior application
- ☐ is attached
- ☐ will be submitted prior to or concurrently with the payment of any issue fee for the instant application
9. ☐ Small Entity Statement
- ☐ Small Entity Statement was filed in prior application, Small Entity Status is still proper and desired
- ☐ is attached (unexecuted)
- ☐ is no longer claimed
10. ☐ Microfiche Computer Program (Appendix)

# UNITED STATES CONTINUING UTILITY PATENT APPLICATION

under 37 C.F.R. § 1.53(b)

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(B&W Reference: 03259-00020)

11. ☐ Nucleotide and/or Amino Acid Sequence Submission  
☐ Computer Readable Copy  
☐ Paper Copy (identical to computer copy)  
☐ Statement verifying identity of above copies

12. Calculation of Fees: including claims added by preliminary amendment

FEES FOR	EXCESS CLAIMS	FEE	AMOUNT DUE
Basic Filing Fee (37 C.F.R. § 1.16(a))			\$740.00
Total Claims in Excess of 20 (37 C.F.R. § 1.16(c))		18.00	
Independent Claims in Excess of 3 (37 C.F.R. § 1.16(b))		78.00	
Multiple Dependent Claims (37 C.F.R. § 1.16(d))		270.00	
Subtotal - Filing Fee Due			\$740.00
REDUCE BY (%)(\$)			
Reduction by 50%, if Small Entity (37 C.F.R. §§ 1.9, 1.27, 1.28)	0.50		\$0.00
<b>TOTAL FILING FEE DUE</b>			<b>\$0.00</b>
<b>GRAND TOTAL DUE</b>			<b>\$740.00</b>

13. PAYMENT is:

- ☐ included in the amount of the GRAND TOTAL. A general authorization under 37 C.F.R. § 1.25(b), second sentence, is hereby given to credit or debit our Deposit Account No. 19-0733 for the instant filing and for any other fees during the pendency of this application under 37 C.F.R. §§ 1.16, 1.17 and 1.18

- ☒ The Commissioner is hereby authorized to charge the indicated fee in the amount of \$740.00, credit any overpayments, and charge any additional fee required under 37 C.F.R. §§ 1.16 and 1.17 to Deposit Account 19-0733.

# UNITED STATES CONTINUING UTILITY PATENT APPLICATION

under 37 C.F.R. § 1.53(b)

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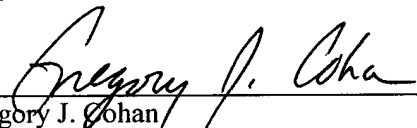
Atty. Reference No. 98079-CIPDIV  
(B&W Reference: 03259-00020)

14. All correspondence for the attached application should be directed to:

Martha A. Finnegan, Esq.  
Chief Intellectual Property Counsel  
Cabot Corporation  
157 Concord Road  
P.O. Box 7001  
Billerica, MA 01821-7001  
Telephone: (978) 670-6198  
Facsimile: (978) 670-8027

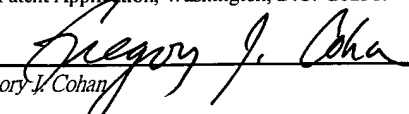
15. Other: \_\_\_\_\_

Respectfully submitted,

  
\_\_\_\_\_  
Gregory J. Cohan  
Attorney for Applicant  
Reg. No. 40,959  
Banner & Witcoff, Ltd.  
28 State Street, 28th Floor  
Boston, MA 02109  
Telephone: (617) 227-7111  
Facsimile: (617) 227-4399

## CERTIFICATE OF EXPRESS MAIL

I hereby certify that this United States Continuing Utility Patent Application and all attached/associated documents are being deposited with the United States Postal Service as Express Mail Certificate No. EV066773306US address to The Assistant Commissioner for Patents, Box Patent Application, Washington, D.C. 20231.

  
\_\_\_\_\_  
Gregory J. Cohan  
Date 1/18/02